

```
1
1 2 3 4
1.
2.
```

C

```
main()
{
int i,j,k;
printf("\n");
for(i=1;i<5;i++)      /*
for(j=1;j<5;j++)
    for (k=1;k<5;k++)
    {
        if (i!=k&& i!=j&& j!=k)      /*
        printf("%d,%d,%d\n",i,j,k);
    }
}
```

100

```
=====
=====
2
(I)
10%
10%
10%
7.5%
20
40
20
5%
40
60
40
3%
60
100
60
1.5%
100
100
1%
I
1.
2.
```

```
main()
{
long int i;
int bonus1,bonus2,bonus4,bonus6,bonus10,bonus;
scanf("%ld",&i);
bonus1=100000*0.1;bonus2=bonus1+100000*0.75;
bonus4=bonus2+200000*0.5;
bonus6=bonus4+200000*0.3;
bonus10=bonus6+400000*0.15;
if(i<=100000)
    bonus=i*0.1;
else if(i<=200000)
    bonus=bonus1+(i-100000)*0.075;
else if(i<=400000)
    bonus=bonus2+(i-200000)*0.05;
else if(i<=600000)
    bonus=bonus4+(i-400000)*0.03;
else if(i<=1000000)
    bonus=bonus6+(i-600000)*0.015;
else
    bonus=bonus10+(i-1000000)*0.01;
printf("bonus=%d",bonus);
}
```

```
=====
=====
```

```
3
100
168
1.
2.
#include "math.h"
main()
{
long int i,x,y,z;
for (i=1;i<100000;i++)
    { x=sqrt(i+100);      /*x
    y=sqrt(i+268);      /*y
    if(x*x==i+100&&y*y==i+268)/*
    printf("\n%ld\n",i);
    }
}
```

```
=====
=====
```

```
4

```